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**Progress in
Clinical and
Biological
Research
Volume 84**

**PROGRESS IN
DERMATOGLYPHIC
RESEARCH**

Christos S. Bartsocas, Editor

Although fingerprints have always interested mankind, the idea of using them as a workable tool for specific purposes is no more than a century old. In the 1920's Harold Cummins and Charles Midlo gave the study of fingerprints a name—they coined the term dermatoglyphics. Utilization of dermatoglyphics as a tool in human or medical genetics and in physical anthropology has provided important information in the last two decades. The gathering of dermatoglyphic data is no longer simply a part of descriptive anthropology. Dermatoglyphic data are now collected specifically for population genetic surveys, for clinical and anthropological studies, and are considered an important aspect of most pediatric case reports.

Progress in Dermatoglyphic Research presents subjects ranging from mathematical considerations to clinical applications of dermatoglyphics. The articles offer evidence that the field is not exhausted, that recent research has provided new information, and that there is ample ground available for further investigations.

The book is divided into six chapters. One chapter discusses the applications of dermatoglyphics as well as the future perspectives of the field. Another chapter discusses the methodology and genetics. Palmar pattern ridge-counts in man and parental influence on finger dermatoglyphics are two of the many topics covered in this chapter. The final chapter reviews some of the medical applications of dermatoglyphics. The use of dermatoglyph-

ics in seizure disorders, Wilms tumor, and certain birth defects are among the many subjects covered in detail in this chapter. Other topics of interest include changing trends in dermatoglyphic research, development of dermal ridges and patterns viewed on the dermal ridges of fetuses, a population study of finger dermal patterns and ridge counts, paleodermatoglyphics, and notes on total pattern intensity.

Progress in Dermatoglyphic Research will be of interest to researchers and clinicians in human and medical genetics, population geneticists, and anthropologists.

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Progress in Clinical and Biological Research,
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Progress in Dermatoglyphic Research

Christos S. Bartsocas, Editor

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